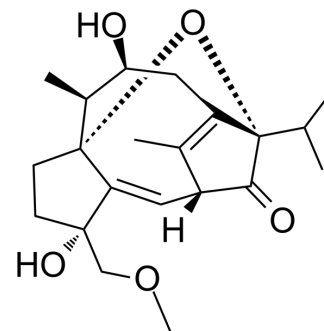


Alterbrassicene B

Cat. No.:	HY-N10444
CAS No.:	2575789-01-2
Molecular Formula:	C ₂₁ H ₃₀ O ₅
Molecular Weight:	362.46
Target:	Others
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	Alterbrassicene B is an anticancer agent, can be isolated from <i>Alternaria brassicicola</i> ^[1] .
IC ₅₀ & Target	IC ₅₀ : 19.25 μM in OVCAR, 31.22 μM in MDA-MB-231 ^[1]
In Vitro	Alterbrassicene B has cytotoxicity against cancer cell lines OVCAR and MDA-MB-231 with IC ₅₀ s of 19.25 μM and 31.22 μM, respectively ^[1] . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

REFERENCES

[1]. Li F, et al. Fusicoccane-derived diterpenoids with bridgehead double-bond-containing tricyclo[9.2.1.03,7]tetradecane ring systems from *Alternaria brassicicola*. *Bioorg Chem.* 2020 Jul;100:103887.

Caution: Product has not been fully validated for medical applications. For research use only.

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